



Hurricane Lee Briefing

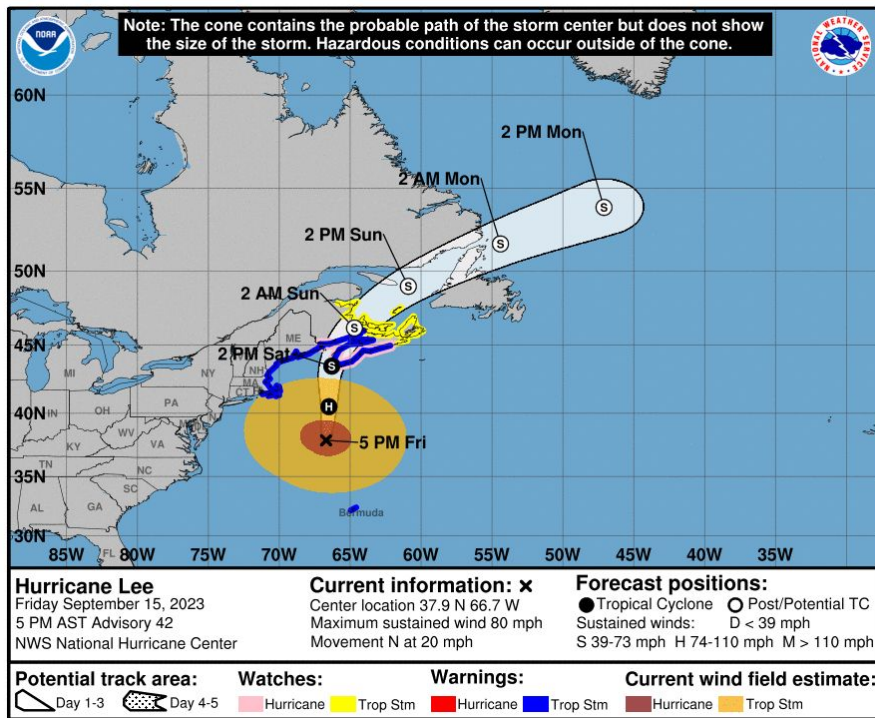
530 PM ET

Friday, Sep 15, 2023



Situation Overview

Hurricane Lee



NOTE: Do not focus on the exact track.

Impacts can occur well outside the area enclosed by the cone.

Overview:

- As of 5 PM ET, Hurricane Lee is a Category 1 hurricane, with 80 mph maximum sustained winds, about 290 mile SE of Nantucket, MA. Lee will continue N and increase in speed through Saturday. Lee will approach our latitude early Saturday morning and is likely to be approximately 275 mile east of Montauk Point at closest approach on Saturday.
- Although Hurricane Lee is expected to continue weakening into the weekend, its wind field is expected to be very large.

What's Changed?:

- No significant change to the hazard and impact forecast from Lee since the 5am briefing.
- Gale Watch is not longer in effect. Small Craft advisories have been issued/extended through Sat Night/Sun for all waters.

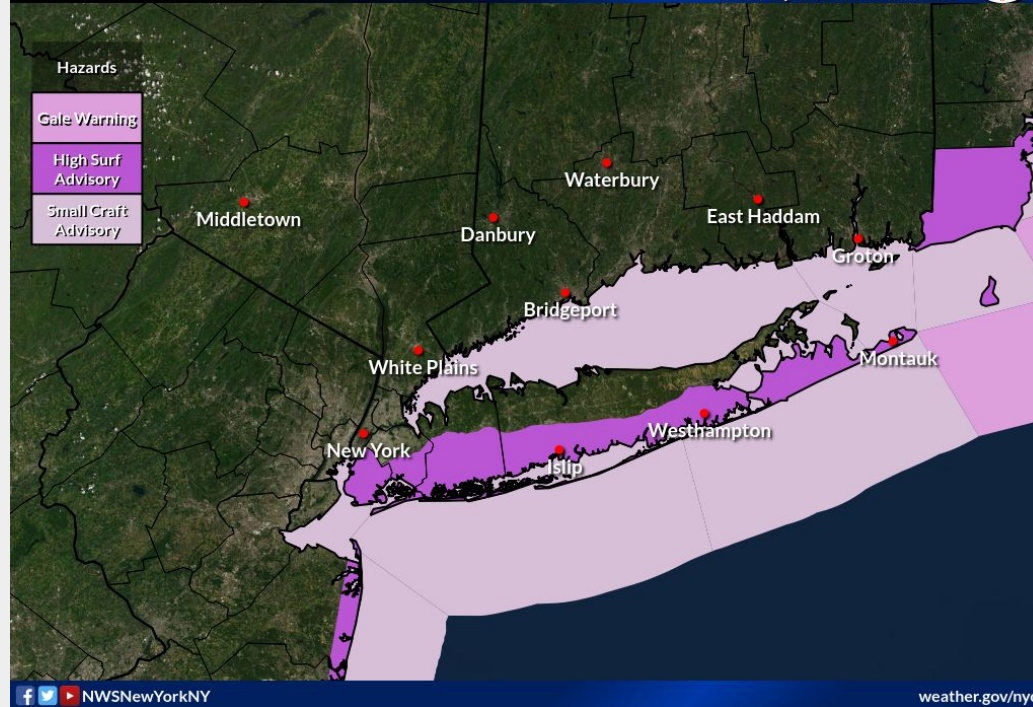


Marine and Shoreline Impacts

Hurricane Lee

Marine and Shoreline Hazards

Weather Forecast Office
New York, NY
Issued Sep 15, 2023 4:51 PM EDT



f t NWSNewYorkNY

weather.gov/nyc

Shoreline Hazards and Impacts: **High Surf Advisory and Rip Current Statement in Effect thru Sat Eve**

- Breaking waves of to 10-16' along the Long Island ocean beachfront Tonight into Saturday Morning, resulting in widespread dune erosion and scattered overwashes, Scattered instances of flooding of roadways and vulnerable structures behind protective dunes is likely during times of high tide.
- Breaking waves of 6-10' for the NYC ocean beachfront, highest for the Rockaways, causing scattered areas of dune erosion and localized overwashes. This may result in localized flooding of roadways and vulnerable structures behind protective dunes during the times of high tide.
- Breaking waves steadily subside Saturday afternoon into Sat Night, ending the high surf threat as well as high rip current risk by Sun AM.

Marine Hazards and Impacts: **Small Craft Advisories in effect through Sat Night/Sun for all waters.**

- Dangerous conditions on the ocean waters and inlets through Saturday due to 10 to 12 ft energetic SE swells into Saturday morning, and N gusts of 25 to 35 kt (highest east of Moriches Inlet).
- Hazardous conditions on the nearshore waters through Saturday due to N wind gusts of 25 to 30 kt (highest across eastern nearshore waters).

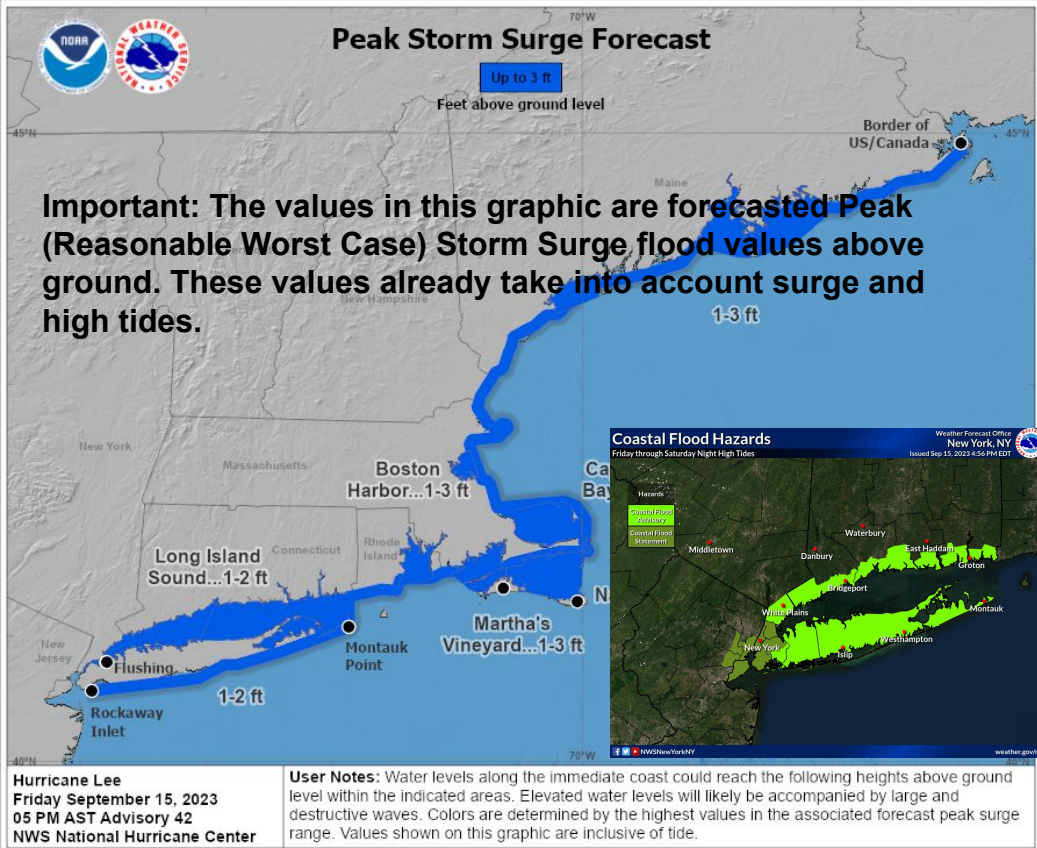
Last updated: 9/15/2023 5:25 PM EDT

National Weather Service - New York, NY



Coastal Flood Hazards and Impacts

Hurricane Lee



Coastal Flood Hazards and Impacts: **Coastal Flood Advisory in Effect**

- Reasonable worst case of minor coastal flooding (Inundation of 1 to 2 ft above ground) for vulnerable coastal/shoreline locations shaded in blue across the local Tri-State, particularly along north facing shorelines along Jamaica Bay, the southern and eastern bays of LI, and Long Island Sound.
- Potential Impacts – Scattered roads and low lying property including parking lots, parks, lawns and homes/businesses with basements near the waterfront will experience shallow flooding. Vehicles parked in vulnerable areas near the waterfront may become flooded.

Timing of Coastal flood Impacts:

- During the times of high tide Tonight and Sat Aft.
- Residual minor coastal flooding is possible with the Sat Night high tide across the southern bays of NYC and LI.

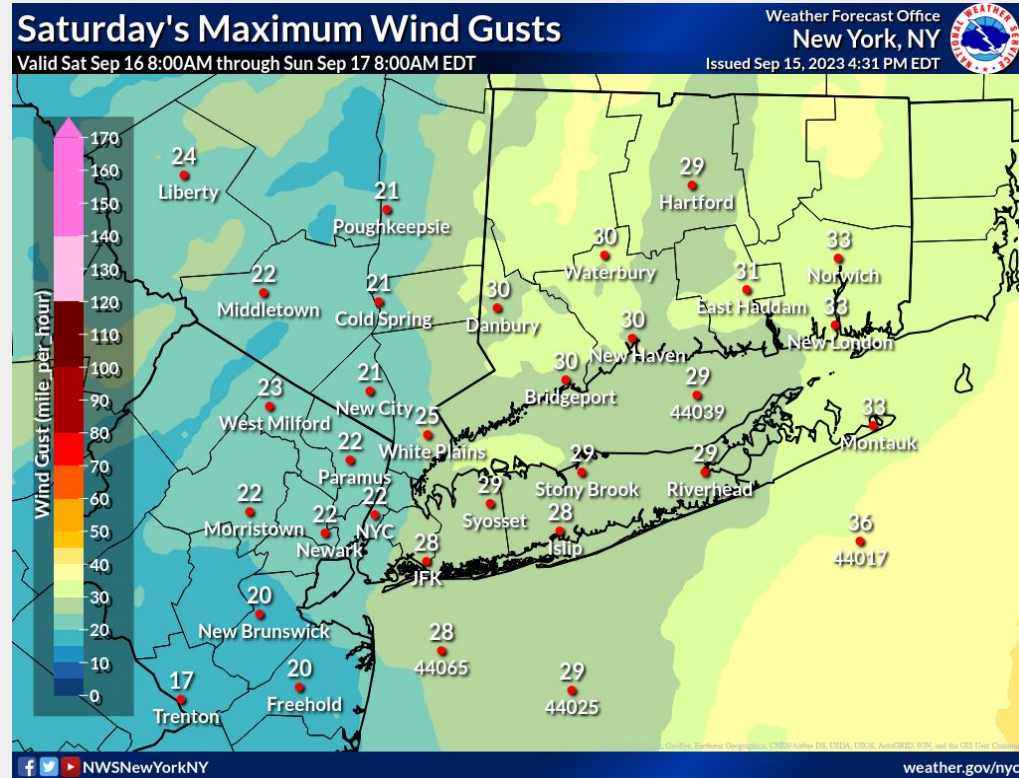
Forecast Challenges:

- Timing of peak surge during or between Tonight's and Sat aft high tide cycles. Highest probability w/ Sat AM/early PM high tide.
- The magnitude of the wave setup effects from several tidal cycles with high wave action.
- This storm will exhibit both tropical and extratropical characteristics.
- For this reason, this forecast continues to represent a reasonable worst case blend of probabilistic tropical and extratropical storm surge guidance to include a safety margin to prepare for.



Wind Hazards and Impacts

Hurricane Lee

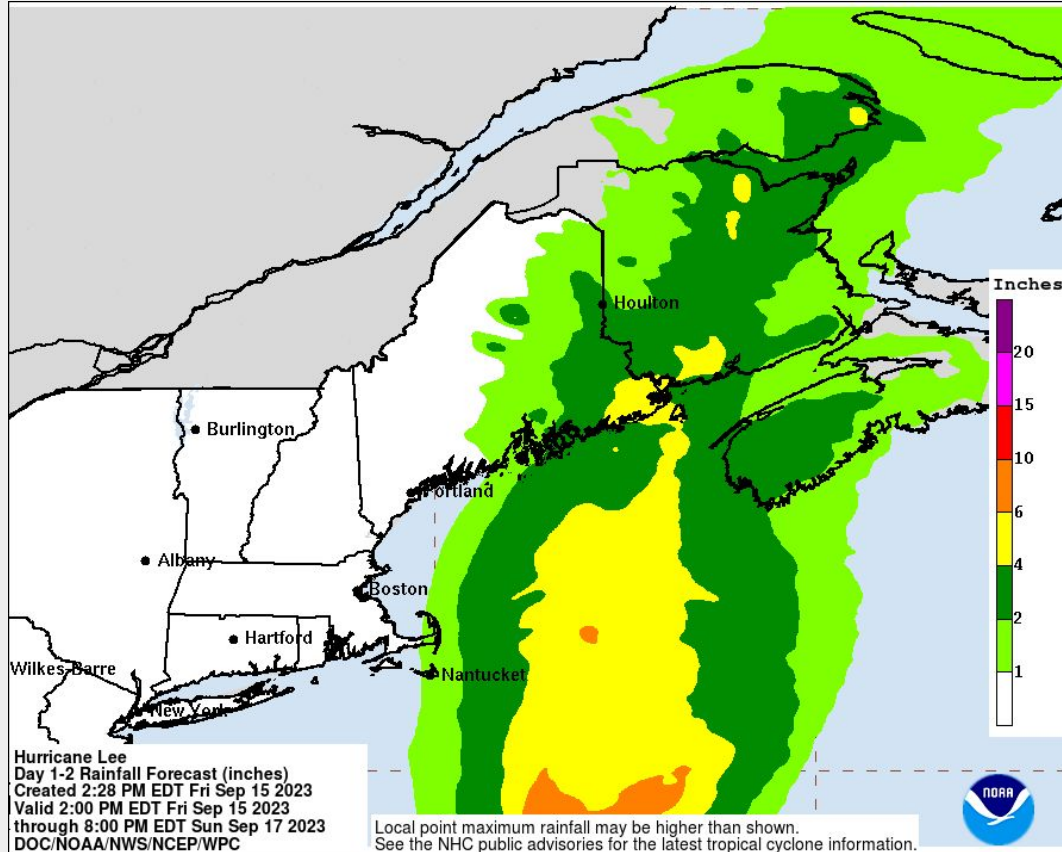


- **Peak Wind Gusts:**
 - N to NW wind gusts of 25 to 35 mph into Sat Eve, highest east.
 - **For E LI and SE CT, peak wind gusts of 35 to 45 mph are possible Tonight into Saturday.**
 - **Impacts: Due to the full tree foliage, these winds could knock down scattered tree limbs and blow around unsecured objects. Power outages are possible.**
 - Winds subside Sat Night into Sun Morn.
- **Tropical Storm Force Wind Probabilities (39 mph sustained):**
 - These probabilities remain very low, and only for the extreme eastern portions of Long Island.



Expected Storm Total Rainfall

Hurricane Lee



- **Rainfall Totals:** Up to 1/10" for eastern Long Island and extreme southeastern CT.
 - **Reasonable worst case rainfall** of 1/4 to 1/2" for eastern Long Island and extreme southeastern CT.
- **No hydrologic impacts are expected at this time.**



Local Resources

Hurricane Lee

Next Briefing:
By Saturday 7:00 AM
Method: Email



Web: <http://weather.gov/nyc>



Phone: (631) 924-0517



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